



Crop Weather Report

Issue: 12-05

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For the Week Ending:
April 8, 2012

Weather Summary

A late winter storm brought snowfall and cooler nighttime temperatures to most of Montana toward the end of the week with many stations receiving 0.50 to 1 inch of precipitation. Rapelje received the highest amount of precipitation for the week with 2.50 inches of moisture. High temperatures ranged from the lower 50s to lower 80s, with the state-wide high temperature of 81 degrees recorded at Albion. A majority of stations reported lows in the upper teens to upper 20s, the coldest being West Yellowstone at 5 degrees, followed by Butte and Wisdom with 7 degrees.

The weather outlook for April 16th through April 22nd is for above normal temperatures and near normal precipitation on the east side of the Great Divide. The west side of the Divide can expect above normal temperatures and precipitation. Normal temperatures for this period in Montana are highs in the mid 40s to upper 50s, with lows in the upper teens to the mid 30s. Topsoil moisture adequate and surplus is 61 percent compared with 96 percent last year and the 5 year average of 73 percent. Subsoil moisture was 60 percent adequate and surplus compared to 93 percent last year and the 5 year average of 62 percent.

Soil Moisture Table	This Week	Last Week	Last Year	5 Yr Avg
Topsoil Moisture				
Very Short	12	14	1	9
Short	27	33	3	18
Adequate	58	52	56	60
Surplus	3	1	40	13
Subsoil Moisture				
Very Short	11	11	0	14
Short	29	41	7	24
Adequate	56	45	71	56
Surplus	4	3	22	6

Field Crops Report

Winter wheat condition is rated 32 percent good to excellent, compared to 69 percent good to excellent from last year and the 5 year average of 55 percent good to excellent as snowfall somewhat alleviated dry conditions in much of the state. Winter wheat is showing spring growth with 59% of greening, ahead of last year's 32%, 30% green & growing, and 11% remains dormant. Field work continues under mild conditions with 35 percent just started and 24 percent well underway. Days suitable for field work were 4.7 days compared to 0.7 last year and the 5 year average of 2.7 days. Planting of small grains is off to a strong start with 18 percent of barley planted compared to 2 last year and the 5 year average of 7 percent. Spring wheat is 11 percent planted, compared 1 percent last year, and oats are 13 percent planted. Pulse crop plantings are underway as well with dry peas and lentils both 10 percent complete.

Field Work Table	This Week	Last Week	Last Year	5 Yr Avg
Days Suitable for Field Work				
Days	4.7	5.3	0.7	2.7
Field Tillage Work in Progress				
None	41	56	94	77
Just Started	35	31	5	17
Well Underway	24	13	1	6

Livestock Report

Early spring grazing conditions are 73 percent open, far above last year's 36 percent and the 5 year average of 64 percent. The need to provide supplemental feed has decreased with warmer weather from last week and is lower from the previous year to 83 percent of cattle and 82 percent of sheep. Livestock birthing has continues 66 percent calving completed and 46 percent lambing completed.

Range & Livestock Table	This Week	Last Week	Last Year	5 Yr Avg
Livestock Birthing				
Calving Complete	66	54	64	66
Lambing Complete	46	36	55	49
Livestock Grazing				
Open	73	86	36	64
Difficult	10	5	28	20
Closed	17	9	36	16
Livestock Receiving Supplemental Feed				
Cattle and Calves	83	86	92	90
Sheep and Lambs	82	84	93	90
Range and Pasture Feed Condition				
Very Poor	3	3	2	6
Poor	17	19	15	20
Fair	46	45	44	47
Good	30	31	37	25
Excellent	4	2	2	2

Crop Progress and Condition Table	This Week	Last Week	Last Year	5 Yr Avg
Winter Wheat				
Very Poor	1	3	1	2
Poor	9	13	3	7
Fair	58	60	27	36
Good	29	22	62	48
Excellent	3	2	7	7
Winter Wheat Spring Stages				
Still Dormant	11	40	66	43
Greening	59	45	32	39
Green & Growing	30	15	2	18
Barley				
Planted	18	7	2	7
Camelina				
Planted	9	8	6	14
Dry Peas				
Planted	10	na	0	2
Flaxseed				
Planted	5	na	na	na
Lentils				
Planted	10	na	na	na
Oats				
Planted	13	4	0	1
Sugar Beets				
Planted	3	na	4	3
Spring Wheat				
Planted	11	5	1	4

THIS INFORMATION IS ALSO AVAILABLE ON THE INTERNET AT: <http://www.nass.usda.gov/mt/>

Completed and Summarized by:
USDA, NASS, Montana Field Office

In conjunction with: MSU Extension Agents
USDA County Service Centers

Weather Information for the week ending 04/08/2012

Station ID	Precipitation												
	Temperature			GDDs		This Week		April 1 to Date			October 1 to Date		
	Hi	Low	Avg	B50	DFN	Total	DFN	Total	DFN	%NRM	Total	DFN	%NRM
NORTHWEST													
Alberton	62	22	38	0	+0	0.07	-0.14	0.18	-0.06	75	10.69	+4.69	178
Anaconda	62	15	38	0	+0	0.48	+0.25	0.64	+0.37	237	6.99	+2.29	149
Clinton	61	22	39	0	+0	0.11	-0.10	0.21	-0.03	87	8.38	+0.62	108
Corvallis	64	19	38	0	+0	0.08	-0.13	0.08	-0.16	33	5.34	+0.83	118
Creston	57	22	39	0	+0	0.04	-0.31	0.13	-0.27	32	6.27	-2.38	72
Deer Lodge	64	15	36	0	+0	0.02	-0.08	0.13	+0.02	118	3.34	+0.79	131
Drummond	63	18	38	0	+0	0.02	-0.17	0.16	-0.05	76	5.15	+0.41	109
Hamilton	65	19	38	0	+0	0.09	-0.12	0.12	-0.12	50	7.91	+1.86	131
Kalispell	58	20	38	0	+0	0.07	-0.19	0.22	-0.07	76	7.25	-0.86	89
Missoula	61	23	38	0	+0	0.07	-0.14	0.11	-0.13	46	7.09	+1.09	118
Olney	56	15	34	0	+0	0.00	-0.28	0.00	-0.32	0	12.17	+0.01	100
Polson	52	20	37	0	+0	0.00	-0.28	0.09	-0.23	28	7.29	+0.51	108
St Ignatius	57	24	40	0	+0	0.05	-0.23	0.17	-0.15	53	8.28	+1.72	126
Seeley Lake	55	18	37	0	+0	0.00	-0.21	0.01	-0.23	4	14.41	+2.61	122
Sula	61	18	39	0	+0	0.12	-0.16	0.27	-0.05	84	9.67	+3.24	150
Superior	64	23	41	0	+0	0.90	+0.65	1.18	+0.89	407	14.66	+6.02	170
Swan Lake	60	20	37	0	+0	0.19	-0.16	0.30	-0.10	75	9.38	-7.59	55
Thompson Falls	60	25	41	0	-1	0.12	-0.22	0.18	-0.21	46	15.99	+2.07	115
West Glacier	55	20	37	0	+0	0.06	-0.32	0.39	-0.04	91	15.91	-0.14	99
NORTH CENTRAL													
Chester	72	22	42	0	+0	0.04	-0.10	0.16	+0.00	100	4.30	+1.74	168
Chinook	72	24	42	2	+2	0.40	+0.25	0.42	+0.25	247	3.26	+0.01	100
Choteau	66	17	40	0	+0	0.32	+0.21	0.32	+0.20	267	3.47	+1.57	183
Cut Bank	68	17	39	0	+0	0.06	-0.08	0.06	-0.10	37	3.38	+0.76	129
Ft Assinniboine	74	24	43	2	+2	0.65	+0.48	0.73	+0.54	384	2.43	-1.01	71
Fort Benton	75	21	43	2	+2	0.35	+0.14	0.59	+0.35	246	4.04	+0.12	103
Goldbutte	69	22	40	0	+0	0.12	-0.09	0.12	-0.12	50	4.99	+1.60	147
Harlem	73	25	42	2	+2	0.61	+0.49	0.66	+0.53	508	4.00	+1.40	154
Havre	74	27	43	4	+4	0.35	+0.21	0.39	+0.23	244	2.26	-1.03	69
Malta	69	25	44	4	+4	0.71	+0.57	0.71	+0.55	444	3.52	+0.39	112
Rudyard	74	23	42	2	+2	0.12	+0.02	0.27	+0.16	245	2.25	+0.30	115
Shelby	69	17	39	0	+0	0.17	-0.04	0.17	-0.06	74	3.80	+0.61	119
Turner	68	20	41	0	+0	0.54	+0.47	0.54	+0.46	675	3.37	+1.03	144
Valier	65	19	40	0	+0	0.06	-0.08	0.06	-0.10	37	2.75	+0.26	110
NORTHEAST													
Bredette	65	24	43	0	+0	0.45	+0.31	0.49	+0.33	306	3.46	+0.87	134
Culbertson	69	17	46	2	+2	0.21	+0.07	0.21	+0.05	131	2.04	-0.82	71
Glasgow	68	26	45	6	+6	0.16	+0.02	0.17	+0.01	106	3.15	+0.42	115
Glendive	71	27	49	17	+17	0.02	-0.19	0.02	-0.22	8	1.74	-1.73	50
Jordan	69	19	44	6	+6	0.14	-0.02	0.14	-0.04	78	2.94	-0.57	84
Nashua	69	23	45	3	+3	0.08	-0.08	0.13	-0.05	72	2.65	+0.17	107
Opheim	66	16	40	0	+0	0.02	-0.05	0.02	-0.06	25	1.21	-1.01	55
Plentywood	67	21	46	6	+6	0.56	+0.42	0.56	+0.40	350	3.71	+0.77	126
St Marie	65	21	43	1	+1	0.00	-0.14	0.01	-0.15	6	1.62	-1.11	59
Scobey	67	23	43	3	+3	0.23	+0.08	0.23	+0.06	135	2.87	+0.42	117
Sidney	72	27	50	17	+17	0.00	-0.21	0.00	-0.24	0	1.27	-2.46	34
Wolf Point	71	19	47	10	+10	0.15	+0.01	0.15	-0.01	94	1.72	-1.10	61
CENTRAL													
Cascade	68	22	41	2	+2	0.19	-0.02	0.19	-0.05	79	4.70	+0.92	124
Grass Range	71	20	41	1	+1	0.88	+0.60	0.88	+0.56	275	5.53	+0.91	120
Great Falls	71	22	42	5	+5	0.60	+0.32	0.77	+0.45	241	5.27	+0.52	111
Harlowton	71	20	39	2	+2	0.58	+0.32	0.64	+0.35	221	5.29	+1.62	144
Helena	68	24	42	2	+2	0.21	+0.05	0.33	+0.15	183	4.39	+1.06	132
Lewistown	70	17	38	1	+1	0.81	+0.53	0.81	+0.49	253	6.20	+0.59	111
Martinsdale	69	13	38	0	+0	0.64	+0.43	0.64	+0.40	267	4.35	+0.77	122
Neihart	67	20	40	1	+1	0.44	+0.09	0.55	+0.15	138	8.27	+1.45	121
Rogers Pass	66	19	40	0	+0	0.24	-0.04	0.29	-0.03	91	6.92	+1.38	125
Roundup	72	23	46	6	+6	0.36	+0.14	0.36	+0.11	144	5.12	+1.58	145
Ryegate	71	18	39	1	+1	0.57	+0.36	0.57	+0.33	238	4.10	+0.66	119
Stanford	72	20	40	5	+5	0.68	+0.40	0.72	+0.40	225	4.82	+0.02	100
Townsend	73	22	42	4	+4	0.05	-0.09	0.29	+0.13	181	2.92	+0.27	110
Valentine	69	21	40	1	+1	0.62	+0.43	0.65	+0.44	310	4.04	+0.41	111
Wht Sulphur Spr	65	17	36	0	+0	0.23	+0.02	0.31	+0.07	129	2.71	-1.15	70
SOUTHWEST													
Boulder	66	16	38	0	+0	0.09	-0.05	0.25	+0.09	156	4.77	+1.77	159
Bozeman	67	21	38	0	+0	0.70	+0.39	0.83	+0.48	237	4.73	-0.72	87
Butte	62	7	33	0	+0	0.13	-0.08	0.54	+0.30	225	3.14	-0.88	78
Dillon	63	16	36	0	+0	0.38	+0.21	0.46	+0.27	242	2.83	+0.40	116
Ennis	64	14	35	0	+0	0.43	+0.15	0.46	+0.15	148	4.42	+0.19	104
Lakeview	52	19	36	0	+0	0.45	+0.10	0.45	+0.05	113	10.05	+2.26	129
W Yellowstone	50	5	29	0	+0	0.60	+0.25	0.65	+0.25	163	8.17	-3.44	70
Wisdom	55	7	30	0	+0	0.02	-0.19	0.11	-0.12	48	6.36	+2.06	148
SOUTH CENTRAL													
Billings	72	28	45	9	+9	0.16	-0.19	0.16	-0.24	40	4.07	-1.57	72
Cooke City	51	13	30	0	+0	1.23	+0.83	1.23	+0.77	267	10.71	-1.77	86
Gardiner	62	25	42	0	+0	0.75	+0.67	0.75	+0.65	750	9.49	+6.20	288
Hardin	77	24	47	7	+7	0.00	-0.27	0.00	-0.30	0	4.04	-0.28	94
Huntley	74	21	44	5	+5	0.14	-0.17	0.14	-0.21	40	3.94	-0.82	83
Hysham	71	22	46	3	+3	0.00	-0.22	0.00	-0.25	0	3.15	-1.04	75
Joliet	73	16	40	5	+5	0.13	-0.25	0.13	-0.30	30	3.11	-2.90	52
Livingston	70	16	38	2	+2	0.88	+0.60	0.88	+0.56	275	4.48	-0.35	93
Nye	68	9	40	3	+3	1.38	+0.98	1.51	+1.06	336	8.31	+2.54	144
Rapelje	71	16	41	4	+4	2.50	+2.19	2.50	+2.15	714	5.47	+0.40	108
SOUTHEAST													
Albion	81	25	47	18	+18	0.13	-0.15	0.13	-0.18	42	2.19	-1.19	65
Baker	75	23	48	16	+16	0.00	-0.28	0.00	-0.31	0	2.19	-2.17	50
Broadus	72	8	46	10	+10	0.00	-0.30	0.00	-0.34	0	2.69	-1.79	60
Ekalaka	66	18	45	2	+2	0.09	-0.27	0.09	-0.32	22	3.20	-2.11	60
Miles City	74	28	49	20	+20	0.00	-0.27	0.00	-0.30	0	1.86	-1.99	48
Plevna	69	24	47	5	+5	0.09	-0.19	0.09	-0.22	29	2.40	-1.96	55

Compiled by AWIS Inc. based on NWS data. DFN-Departure from normal 1971-2000. GDD-Growing degree days